

## Message Text

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ACTION COME-00

INFO OCT-01 EUR-12 ISO-00 EB-07 /020 W

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R 231445Z DEC 75

FM AMEMBASSY WARSAW

TO SECSTATE WASHDC 9046

C O N F I D E N T I A L WARSAW 8257

E.O. 11652: GDS

TAGS: ESTC, PL

SUBJECT: U.S. SPECTRUM ANALYZER FOR TORUN UNIVERSTIY

REF: STATE 284486

1. ON DECEMBER 18, 1975, EMBOFF HERTZBERG VISITED TORUN UNIVERSITY'S ASTRONOMICAL INSTITUTE WHERE HE MET DR. STANISLAW GORGOLEWSKI, DIRECTOR OF THE INSTITUTE'S RADIO-ASTRONOMY DEPARTMENT, TO ASCERTAIN WHETHER THE INSTITUTE HAS RECEIVED THE TEXTRONIX MODEL 491 SPECTRUM ANALYZER.

2. DURING A MOST CANDID AND QUITE OPEN DISCUSSION DR. GORGOLEWSKI STATE THAT THE INSTITUTE HAS NEVER RECEIVED THE 491 ANALYZER. MOREOVER, WITH THE DEVELOPMENT AND CONSTRUCTION OF A 15-METER MICROWAVE DISH (RADIO-TELESCOPE) AS WELL AS OTHER HIGHLY SOPHISTICATED RADIO-ASTRONOMY EQUIPMENT, THERE EXISTS AN URGENT NEED AT THE INSTITUTE FOR A MODEL 491 ANALYZER.

3. IN ADDITION TO SOLAR-RADIATION RESEARCH AND RADIO ASTRONOMY, THE INSTITUTE IS ENGAGED IN THE DESIGN, DEVELOPMENT, CONSTRUCTION, OPERATION, AND MAINTENANCE OF VHF, UHF, AND MICORWAVE RADIOMETERS AND OTHER RELATED EQUIPMENT. GORGOLEWSKI EXPRESSED THE DESIRE TO OBTAIN, IN ADDITION TO THE SPECTRUM ANALYZER, SEVERAL VOLTAGE-TUNED OSCILLATORS TO BE USED IN THE 2690-300 MHZ AND 4990-5000 MHZ RADIO ASTRONOMY BANDS.

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4. GORGOLEWSKI COMPLETED HIS POST GRADUATE RADIO-  
ASTRONOMY STUDIES AT CAMBRIDGE UNIVERSTIY IN THE UNITED  
KINGDOM. HE IS FLUENT IN ENGLISH AND APPEARS TO BE A  
SINCERE INDIVIDUAL. EMBASSY BELIEVES THE NEED FOR THE  
491 SPECTRUM ANALYZER IS A REINSTATEMENT OF THE PREVIOUS  
REQUEST AND RECOMMENDS THAT CONSIDERATION FOR APPROVAL  
BE GIVEN FOR EQUIPMENT DESTINED FOR THE INSTITUTE.  
DAVIES

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NNN

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